

## EAST Search History

S25	8	S24 and capacitor same resonan\$5	OR	ON	2005/11/01 15:21
S26	12	S24 and capacitor and resonan\$5 and (conductor resistor)	OR	ON	2005/11/01 15:21
S27	3245	((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near3 crack\$3).ti.) and @ad<"20030522"	OR	ON	2006/04/07 10:44
S28	9	S27 and capacitor and resonan\$5 and (conductor resistor)	OR	ON	2005/11/01 16:33
S29	2	("20050212535").PN.	OR	OFF	2006/04/07 08:53
S30	7	(324/707,691.ccls.) and @ad<"20030522" and @pd>"20051101"	OR	ON	2006/04/07 10:17

## EAST Search History

S31	1	(324/649,600.ccls.) and @ad<"20030522" and @pd>"20051101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 10:20
S32	0	(324/708.ccls.) and @ad<"20030522" and @pd>"20051101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 10:17
S33	437	(324/663.ccls.) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 10:29
S34	80	(324/263.ccls.) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 10:29
S35	1309	(324/537.ccls.) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 15:58
S36	741	(73/104.ccls.) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 10:29

## EAST Search History

S37	88	(73/762.ccls.) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 10:29
S38	314	(73/799.ccls.) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 10:30
S39	2	((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identi\$7 record\$5 meter\$5) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture) near\$3 (ductile adj2 metal)) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 13:40
S40	3484	(ductile same brittle) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 12:56
S41	1030	S40 and ((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identi\$7 record\$5 meter\$5) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 11:26
S42	9	S41 and (ductile near\$3 (ben\$3 tract\$3 stretch\$3 elastic extend\$3 fold\$3) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 11:26

## EAST Search History

S43	159	S41 and (ductile same (ben\$3 tract\$3 stretch\$3 elastic extend\$3 fold\$3) same (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 13:23
S44	19	S41 and ((ductile near3 (ben\$3 tract\$3 stretch\$3 elastic extend\$3 fold\$3)) with (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 12:31
S45	5814	(detect\$3 near3 crack) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 15:21
S46	17	S45 and (ductile same brittle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 12:57
S47	0	S45 and ductile near3 (ben\$3 tract\$3 stretch\$3 elastic extend\$3 fold\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 13:24
S48	3	S45 and ductile with (ben\$3 tract\$3 stretch\$3 elastic extend\$3 fold\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 13:44

## EAST Search History

S49	7	S45 and ductile adj metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 13:30
S50	996972	((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identi\$7 record\$5 meter\$5) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture)) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:42
S51	19	S50 and ((ductile adj metal) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:09
S52	2	S51 and ductile with (ben\$3 tract\$3 stretch\$3 elastic extend\$3 fold\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 13:49
S53	70	((ductile adj metal) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:23
S54	0	((((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identi\$7 record\$5 meter\$5) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture)) and ductile and brittle and (ben\$3 tract\$3 stretch\$3 elastic extend\$3 fold\$3) and (electrical adj property))clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:55

## EAST Search History

S55	0	(((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture)) and ductile and (ben\$3 tract\$3 stretch\$3 elastic extend\$3 fold\$3) and (electrical adj property)).clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:32
S56	10	(((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture)) and ductile and (ben\$3 tract\$3 stretch\$3 elastic extend\$3 fold\$3).clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:34
S57	0	(((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture)) and ductile and brittle and (ben\$3 tract\$3 stretch\$3 elastic extend\$3 fold\$3)).clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:33
S58	216	S33 and ((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:43
S59	53	S34 and ((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:46
S60	727	S35 and ((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:49

## EAST Search History

S61	376	S36 and ((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:51
S62	42	S37 and ((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:52
S63	242	S38 and ((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 15:59
S64	8	S58 and (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture) with (electrical adj property)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:57
S65	1	S59 and (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture) with (electrical adj property)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:58
S66	3	S60 and (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture) with (electrical adj property)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 14:59

## EAST Search History

S67	0	S61 and (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture) with (electrical adj property)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 15:00
S68	0	S62 and (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture) with (electrical adj property)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 15:01
S69	3	S63 and (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture) with (electrical adj property)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 16:04
S70	8223	(propagat\$3 near\$3 crack) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 15:23
S71	104	S70 and (((critical pre\$1 select\$3 pre\$1 determin\$3 pre\$1 defin\$3 specif\$5 pre\$1 set\$4 maximum minimum limit threshold) adj2 (quantity amount advancement length space median portion range measurement magnitude exten\$3 distance gap)) near\$3 crack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 15:30
S72	0	S71 and heat adj shield	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 16:07



## EAST Search History

S73	23	S71 and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 15:54
S74	• 278	(324/378.ccls.) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/10 15:17
S75	81	S74 and ((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/10 15:19
S76	0	S75 and heat adj shield	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 16:07
S77	0	S75 and (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture) with (electrical adj property)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 16:04
S78	2	S71 and heat adj (media medium paper sheet substrate material \$5film coat\$3 layer pad wafer lamina level plane web shield)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 16:07

## EAST Search History

S79	0	S75 and heat adj (media medium paper sheet substrate material \$5film coat\$3 layer pad wafer lamina level plane web shield)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 16:31
S80	2	wo-9119968-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 16:34
S81	2	("5355734").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/07 16:39
S82	1	jp-56117142-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 16:36
S83	1	jp-63122928-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/07 16:37
S84	16	("2735754") or ("2964796") or ("3636441") or ("5728943") or ("6320391") or ("20040207413").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/04/10 08:21

## EAST Search History

S85	97	(ceramic adj heat adj shield) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/10 15:18
S86	119	(ceramic adj heat adj (media medium paper sheet substrate material \$5film coat\$3 layer pad wafer lamina level plane web shield)) and @ad<"20030522"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/10 15:18
S87	15	S85 and ((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/10 15:22
S88	16	S86 and ((check\$3 detect\$3 sens\$3 measur\$5 \$2valuat\$3 examin\$5 test\$3 determin\$3 recogniz\$3 inspect\$3 anal\$5 monitor\$3 diagnos\$3 identifi\$7 record\$5 meter\$5) near\$3 (defect\$3 imperfect\$3 distort\$3 deteriorat\$3 deviat\$3 fail\$3 fault\$3 error\$3 problem flaw wear damage break breakage degradation void crack anomalies aggregate erosion fracture))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/10 15:21